VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

DEPARTMENT OF APPLIED ENGINEERING

Minutes of CDMC Meeting

17-03-2017

The members of Curriculum Design and Monitoring Committee for B.Tech Agriculture Engineering program met on 17-03-2016 at AFTF-05, 'U' block, of VFSTR. The following members attended the meeting.

Sl.No	Name and Address	Signature
1	Dr. Vidhu Kampurath P., Assoc Prof & Head, Applied Engineering Department. VFSTRU (Internal Member)	
2	Dr. Nanjappa Chetty. Visiting Faculty, Applied Engineering Department, VFSTRU (Internal Member)	
3	Dr. A Sirisha, AsstProf. Applied Engineering. VFSTRU (Internal Member)	
4	Dr. D. Vinay Kumar, Asst Prof, Applied Engineering Department. VFSTRU (Internal Member)	
5	Mr. Harish Babu. B, Asst Prof. Applied Engineering, VFSTRU (Internal Member	

Agenda of the meeting

Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2016-17.

The following are the important points of analysis obtained from various stakeholders:

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Times to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students by considering their Employer's feedback.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Detailed feedback analysis report is enclosed as Annexure-I

The outcomes of the meeting will be placed before the BoS for further discussion and recommendations.

Chairman, CDMC

ANNEXURE 1

UG STUDENT FEEDBACK ANALYSIS

Feedback has been received from the students on the following nine parameters:

Q1.The Course Contents of Curriculum are in tune with the Program Outcomes

Q2.The Course Contents are designed to enable Problem Solving Skills and Core competencies

Q3.Courses placed in the curriculum serves the needs of both advanced and slow learners

Q4.Contact Hour Distribution among the various Course Components (LTP) is Satisfiable

Q5.Electives have enabled the passion to learn new technologies in emerging areas of Agriculture Engineering

Q6.The Curriculum is providing opportunity towards Self learning to realize the expectations

Q7.Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable

Q8.No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Agriculture Engineering

Q9.Inclusion of Minor Projects with Theory Courses have enhanced the technical competency and leadership skills.

The categorization of rating is as follows: Strongly Agree (5), Agree (4), Moderate (3), Disagree (2) and Strongly Disagree (1).

Feedback Analysis is carried based on Average Satisfaction Rating. Rating categorization is carried based on Excellent (≥4); Very Good (≥3.5 & <4); Good (≥3 & <3.5); Moderate (>2 & <3) and Unsatisfactory (<2)

Feedback from Students 2016-17 (Academic Year) - UG – B. Tech (Agriculture Engineering)

The result derived in terms of percentage of students with common views, average score, and ratings is presented in Table 2.

Table 2: Analysis of feedback from students 2016 – 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50.8	42.6	6.6	0	0	4.442	Excellent
Q2	50.8	39.3	8.2	1.6	0	4.39	Excellent
Q3	27.9	57.4	13.1	1.6	0	4.116	Excellent
Q4	14.8	57.4	14.8	1.6	11.5	3.627	Very Good
Q5	27.9	62.3	8.2	1.6	0	4.165	Excellent
Q6	42.6	31.1	24.6	1.6	0	4.144	Excellent
Q7	29.5	54.1	8.2	1.6	6.6	3.983	Very Good
Q8	18	60.7	19.7	1.6	0	3.951	Very Good
Q9	41	36.1	16.4	6.6	0	4.118	Excellent

The highest score of 4.39was given to the parameter "Q2: The Course Contents are designed to enable Problem Solving Skills and Core competencies" followed by "Q1: The Course Contents of Curriculum are in tune with the Program Outcomes" with a score of 4.442 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable" and "Q5: Electives have enabled the passion to learn new technologies in emerging areas of Agriculture Engineering" obtained average scores 3.627 and 4.165 respectively and has been rated as Excellent.

The parameters "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners"; "Q6: The Curriculum is providing opportunity towards Self learning to realize the expectations" and "Q8: No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Agriculture Engineering" obtained the scores of 4.116; 4.144 and 3.951 respectively and has been rated as Excellent which reflects the students passion to learn new technologies in emerging areas.

Average scores of 3.983 and 4.118 were obtained by the parameters "Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable " and "Q9: Inclusion of Minor Projects with Theory Courses have enhanced the technical competency and leadership skills".

Feedback from faculty 2016-17 (Academic Year) - UG – B. Tech (Agriculture Engineering)

The result derived in terms of percentage of faculty with common views, average score, and ratings is presented in Table 2.

Table 2: Analysis of feedback from faculty 2016–17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	51.7	17.2	17.2	6.9	6.9	3.996	Very Good
Q2	51.7	34.5	3.4	10.3	0	4.273	Excellent
Q3	55.2	37.9	6.9	0	0	4.483	Excellent
Q4	51.7	20.7	20.7	6.9	0	4.172	Excellent
Q5	58.6	41.4	0	0	0	4.586	Excellent
Q6	58.6	31	6.9	3.4	0	4.445	Excellent
Q7	55.2	27.6	10.3	6.9	0	4.311	Excellent
Q8	69	27.6	3.4	0	0	4.656	Excellent
Q9	55.2	41.4	3.4	0	0	4.518	Excellent

The highest score of 3.996 was given to the parameter "Q1: Course Contents of Curriculum are in tune with the Program Outcomes " followed by " Q2: Course Contents enhance the Problem-Solving Skills and Core competencies " and "Q3: 4.483 ", "Q8 and Q9 : Courses with laboratory sessions are sufficient to improve the technical skills of students and Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students" are scored as 4.518, and has been rated as Excellent. Q5 and Q6 is scored as 4.58 and 4.445 Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students and Curriculum is providing opportunity towards Self learning". "Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable and Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable" obtained average scores are 4.311 and 4.172 respectively and has been rated as Excellent.

FEEDBACK ANALYSIS

Feedback has been received from the employer on the following nine parameters:

Q1.The Course Contents of Curriculum are in tune with the Program Outcomes

Q2.The Course Contents are enriching the Construction Industry Demands

Q3.Core Electives and Open Elective are in-line with the technology advancements

Q4.Applicability of the tools and technologies described in the curriculum are sufficient to practice in Existing Construction Practices

Q5.Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in Public Sector Units, MNC's and Government Sectors

The categorization of rating is as follows: Strongly Agree (5), Agree (4), Moderate (3), Disagree (2) and Strongly Disagree (1).

Feedback Analysis is carried based on Average Satisfaction Rating. Rating categorization is carried based on Excellent (≥4); Very Good (≥3.5 &<4); Good (≥3 &<3.5); Moderate (>2 &<3) and Unsatisfactory (<2)

Feedback from Employer 2016-17 (Academic Year) - UG – B. Tech (Agriculture Engineering)

The result derived in terms of percentage of employer with common views, average score, and ratings is presented in Table 1.

Table 1: Analysis of feedback from Employer 2016 – 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	33.3	0	11.1	55.6	0	3.11	Good
Q2	33.3	0	44.4	22.2	0	3.441	Good
Q3	33.3	22.2	33.3	11.1	0	3.774	Very Good
Q4	33.3	22.2	44.4	0	0	3.885	Very Good
Q5	11.1	55.6	22.2	11.1	0	3.667	Very Good

The highest score of 3.885 was given to the parameter "The Course Contents are enriching the Construction Industry Demands" followed by "The Course Contents of Curriculum are in tune with the Program Outcomes" with a score of 3.667 and has been rated as Very good .

It is clearly visible from the table that the parameters "Core Electives and Open Elective are in-line with the technology advancements" and "Applicability of the tools and technologies described in the curriculum are sufficient to practice in Existing Construction Practices" obtained average scores 3.774 and 3.885 respectively and has been rated as Very Good.

The parameter "Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in Public Sector Units, MNC's and Government Sectors" obtained the scores of 3.667 and has been rated as Very Good which will be considered and benefit the students towards the Construction Industry.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to improve the problem solving skills and soft skills of the students which enable them to be placed in Construction Industry.

The feedback analysis given by employer reveals that by fulfilling the ever- evolving needs of Construction Industry and improving the required skills of Construction and Construction enabled Industry Demands helps the student to get placements.

Feedback from Parents 2016-17 (Academic Year) - UG – B. Tech (Agriculture Engineering)

The result derived in terms of percentage of Parents with common views, average score, and ratingsis presented in Table 1.

Table 1: Analysis of feedback from Parents 2016 – 17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
1	44.2	36.4	0	0	1.6	3.682	Very Good
Q2	44.2	37.2	13.2	3.9	1.6	4.188	Excellent
Q3	34.1	49.6	9.3	0	7	4.038	Excellent
Q4	44.2	34.9	14	0	7	4.096	Excellent
Q5	51.2	24.8	17.1	3.9	3.1	4.174	Excellent

The highest score of 4.188 was given to the parameter "Course Curriculum is of the global standard and is in tune with the needs of construction Industry" has been rated as Excellent.

It is clearly visible from the table that the parameters "Competency of your ward is on par with the students from other Universities/Institutes", "Curriculum realizes the personality development and technical skilling of your ward" and "Satisfaction about the Academic, Emotional Progression of your ward" obtained average score 4.038 , 4.096 and 4.188 respectively and has been rated as Very Good.

The parameter "Curriculum enhances the intellectual aptitude of your ward" obtained the score of 3.682 and has been rated as Very Good.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the student

Head of Department and Chairman – CDMC
B.Tech – Agriculture Engineering
Department of Applied Engineering